



Title: "Targeted Molecular Bar Codes and Methods for Using the Same"  
Inventor: Akeson et al.  
Application No.: 09/466,994  
Atty. Docket No. UCAL-118

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FIGURE 1

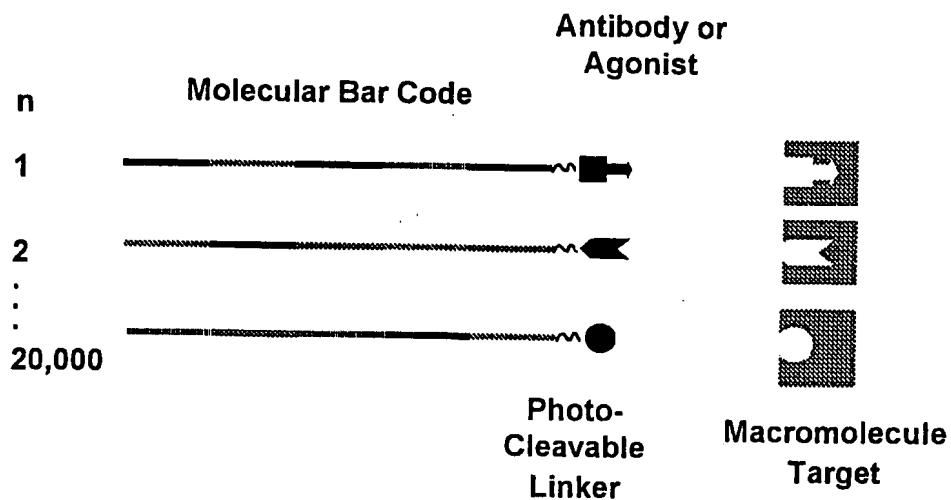
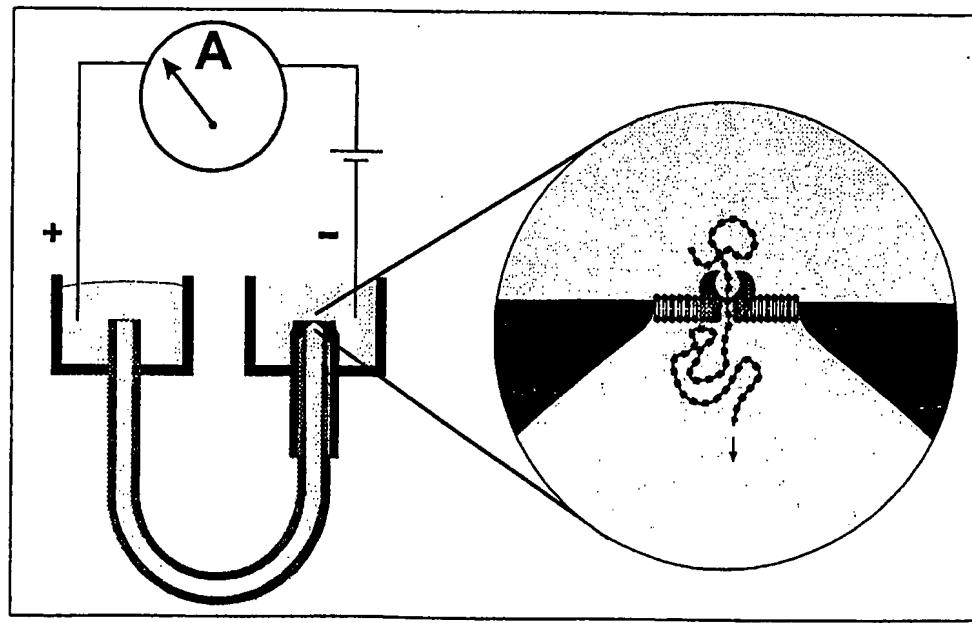


FIGURE 2

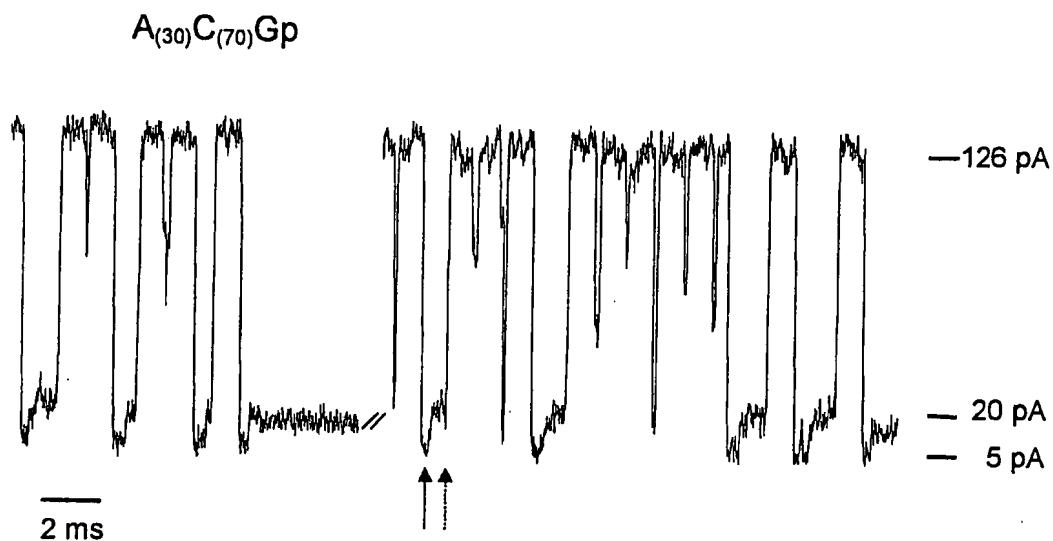




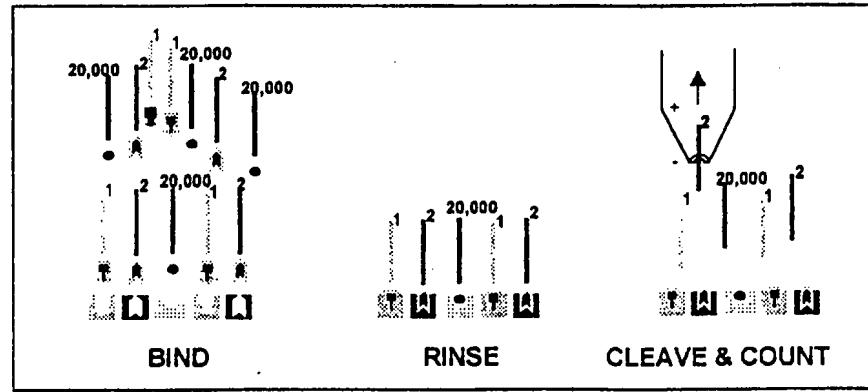
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**FIGURE 3**



#### FIGURE 4



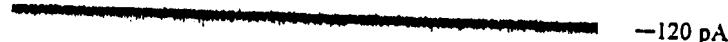


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FIGURE 5

A) Control



— 0 pA

B) 18mer polydT, 20 uM



← — 1 Second — →



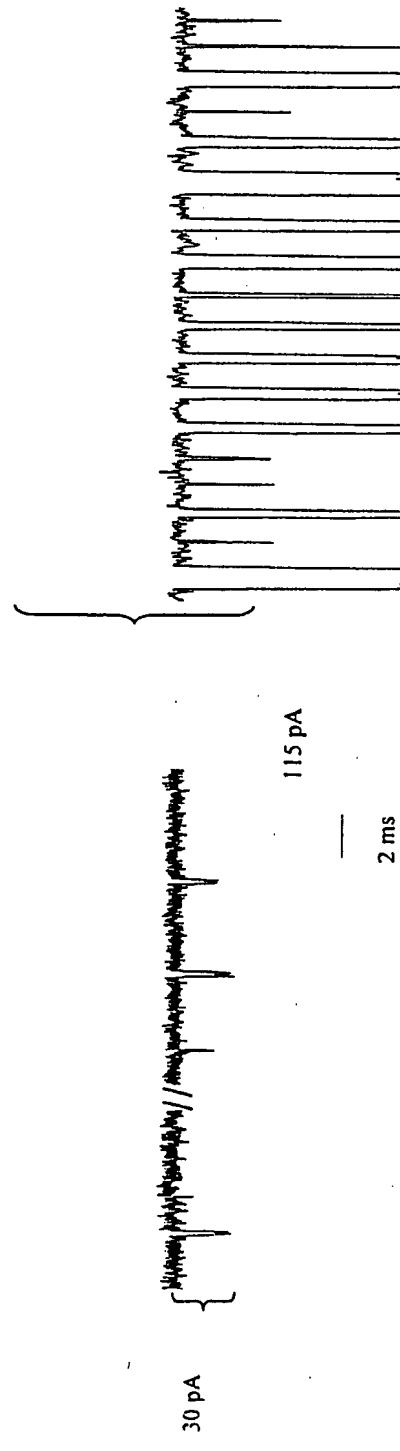
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FIGURE 6

A) Polyphosphate 65mer

B) Polycytidyllic acid 125 mer





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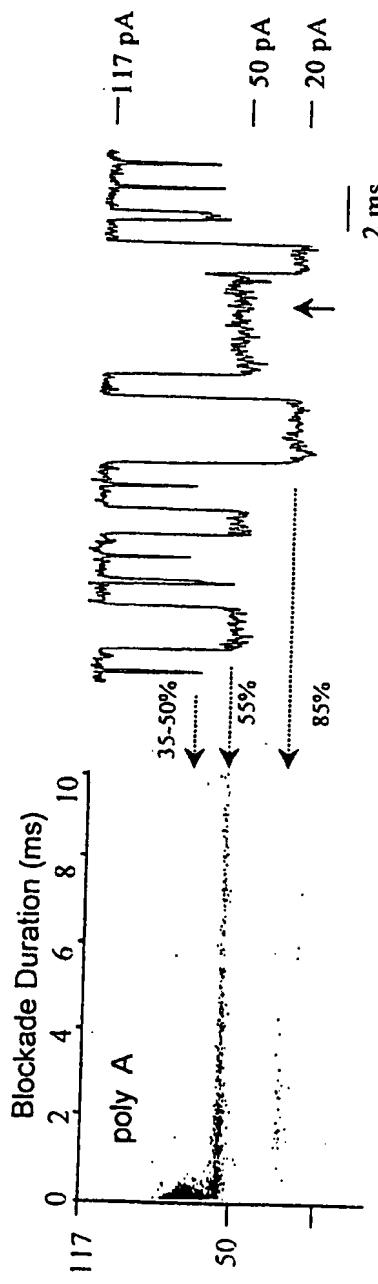


Figure 7a

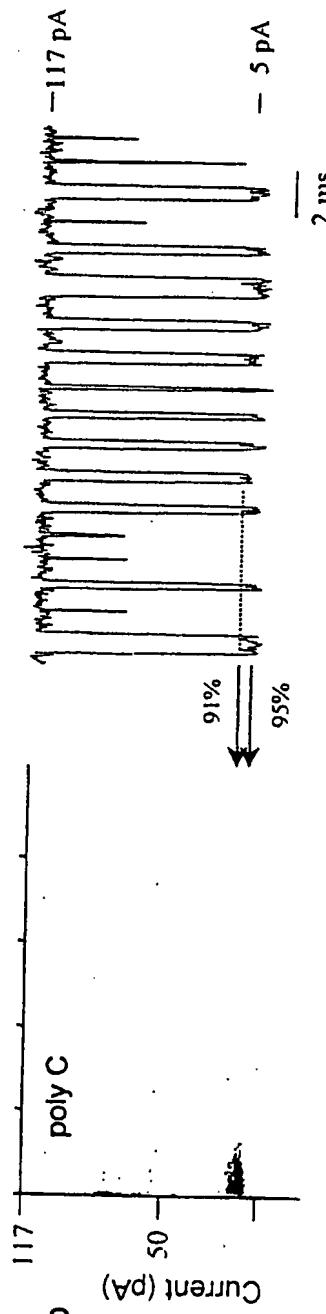


Figure 7b

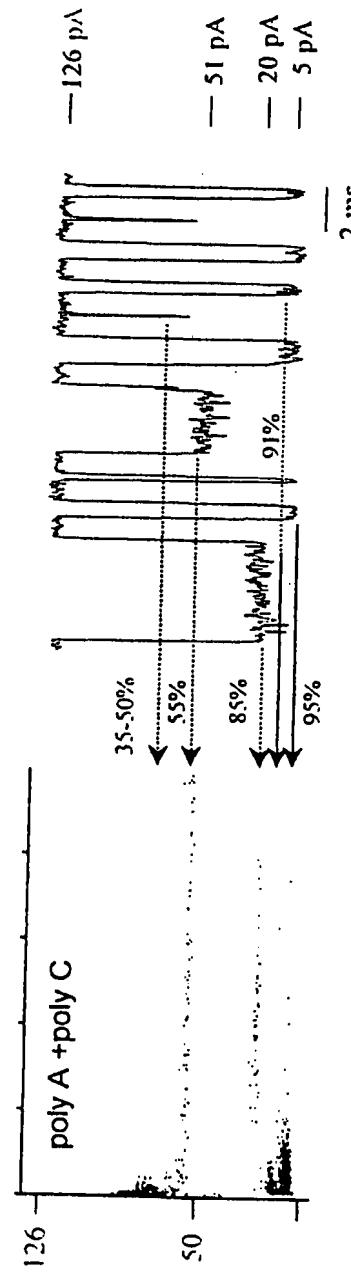


Figure 7c



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FIGURE 8

### Blockade Duration

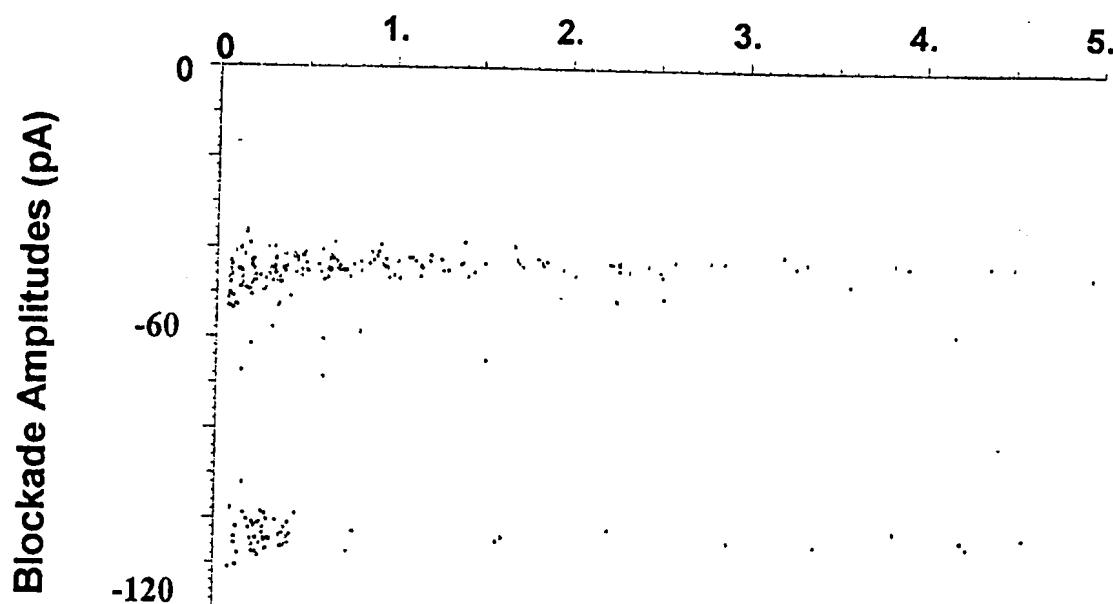
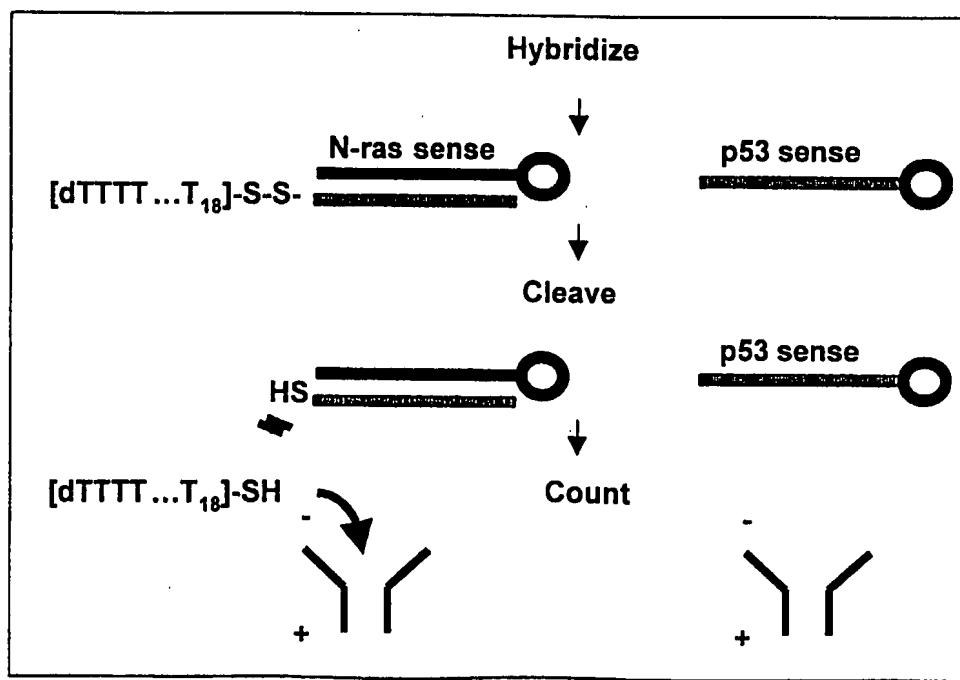


FIGURE 9

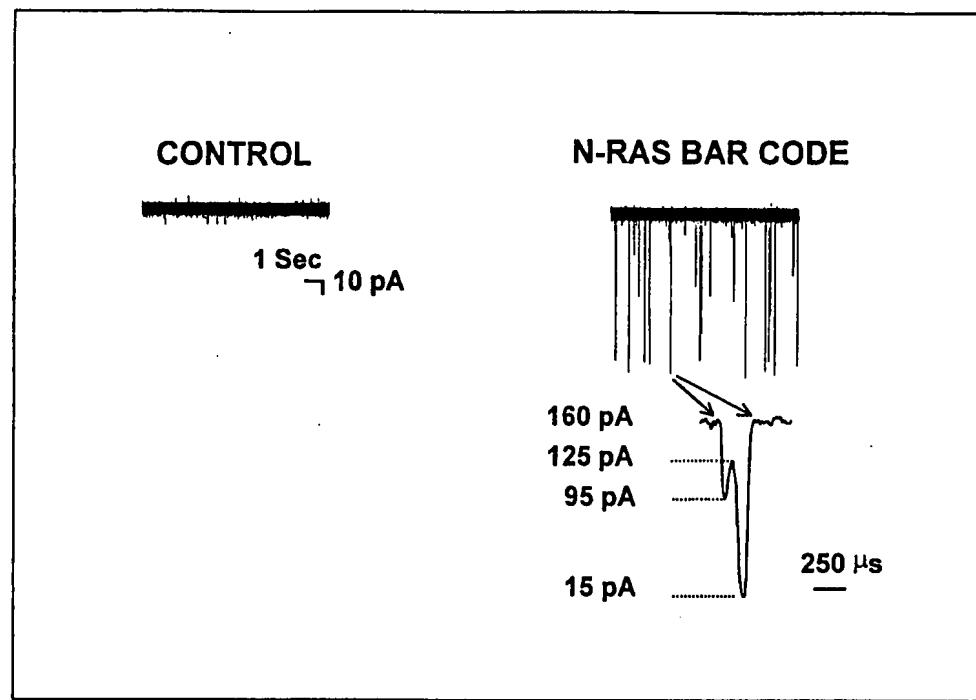




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FIGURE 10





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Figure 11a

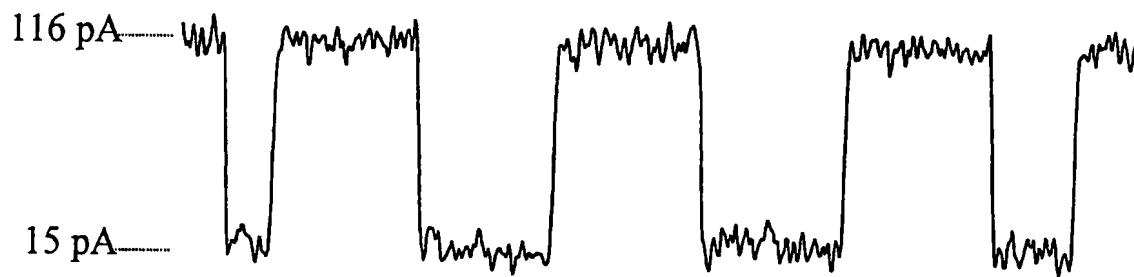
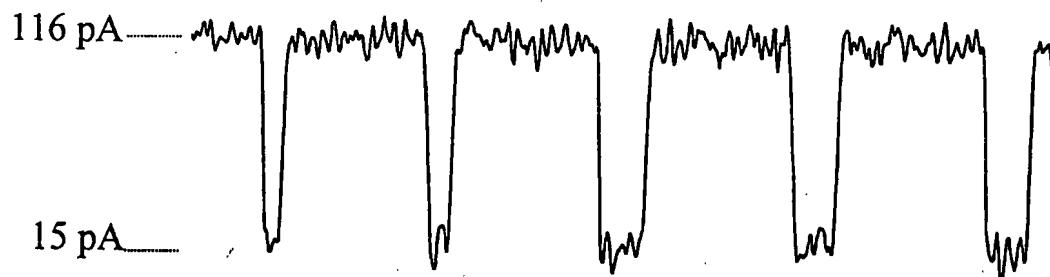


Figure 11b



500  $\mu$ s

O T P E JCT 180  
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FIGURE 12

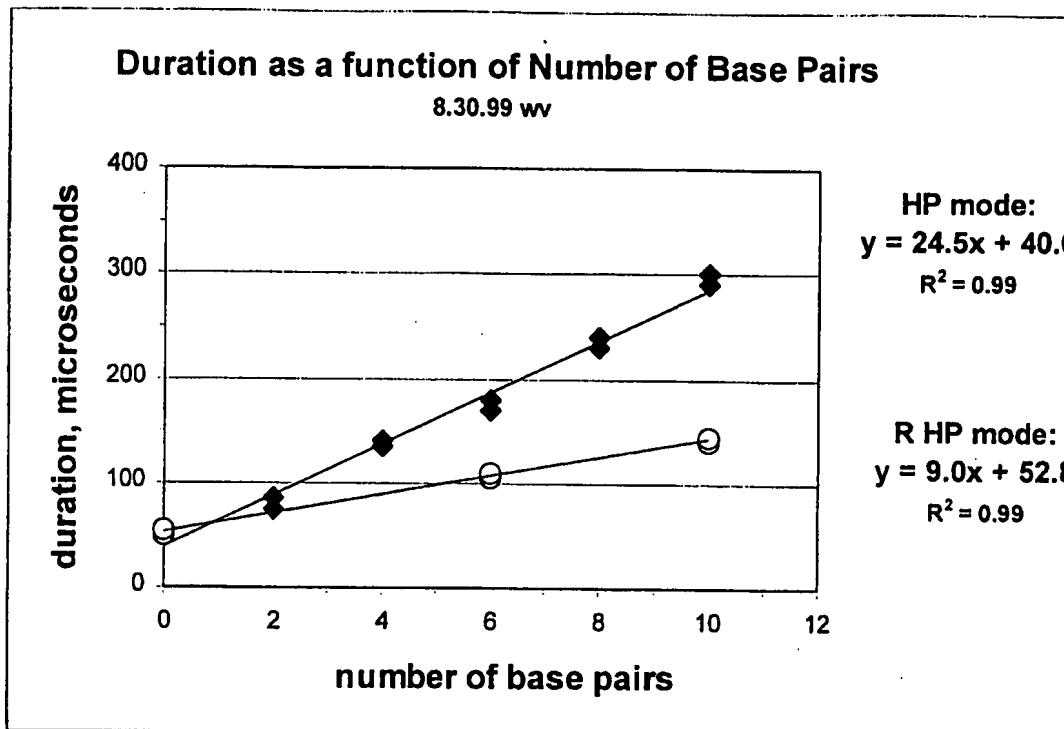
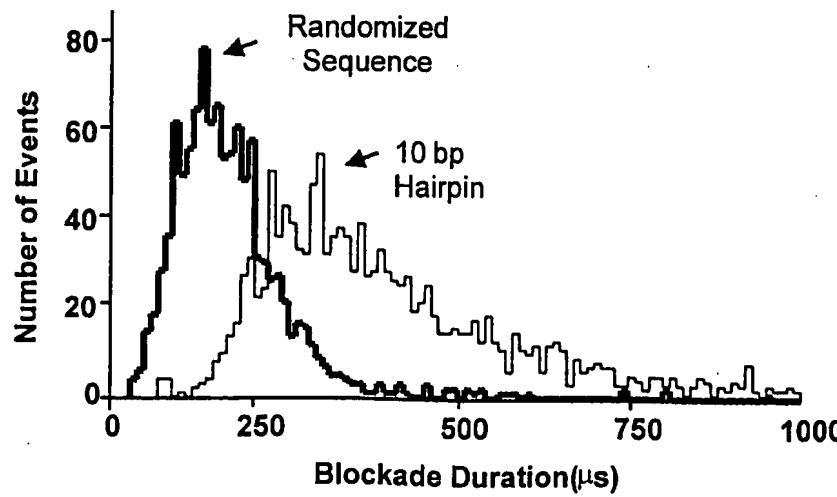


FIGURE 13





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### FIGURE 14

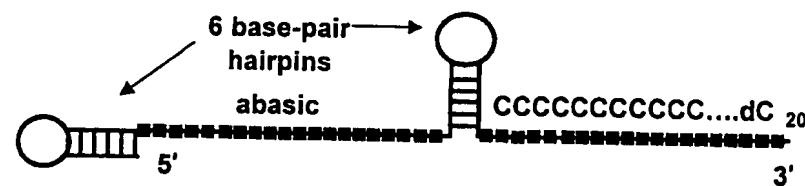


FIGURE 15

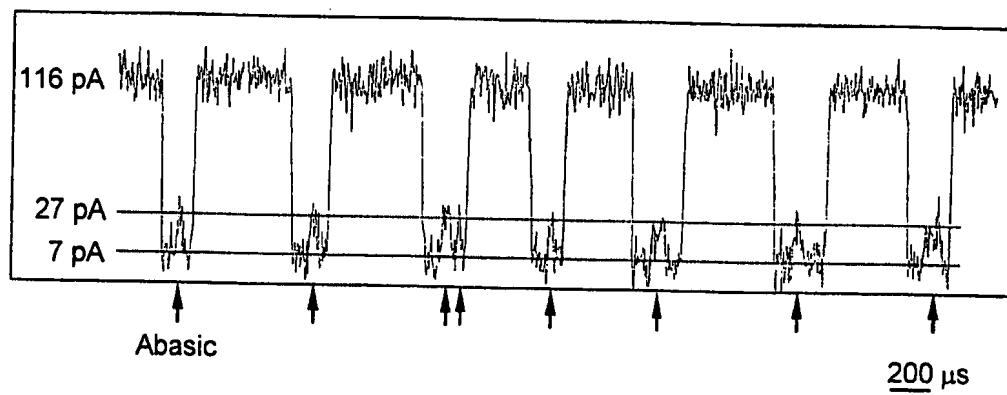
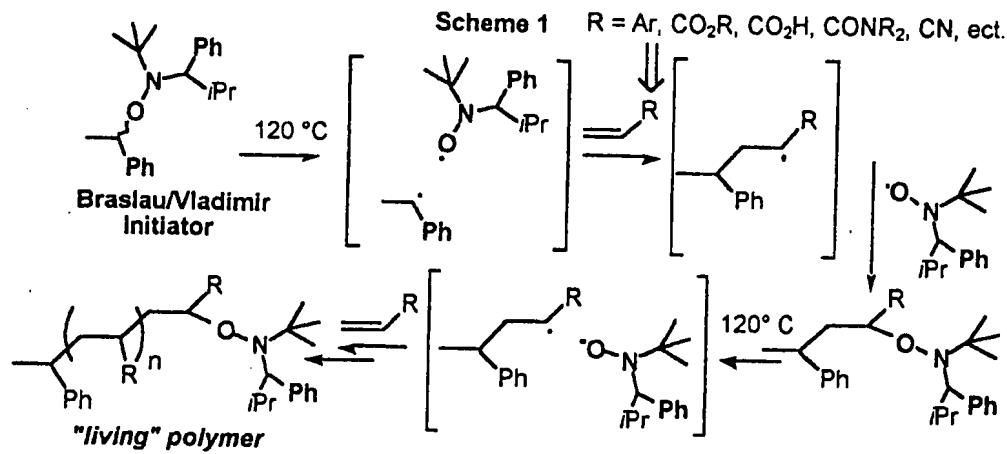


FIGURE 16





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FIGURE 17

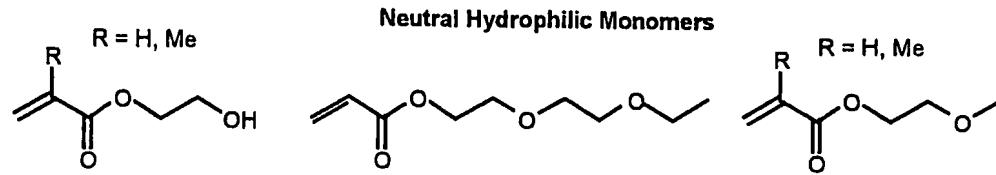


FIGURE 18





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FIGURE 19

**Charged or Ionizable Monomers**

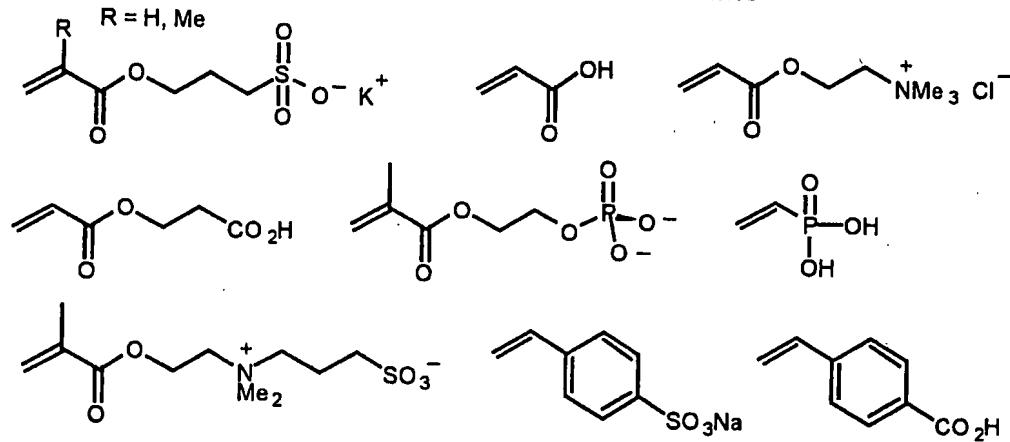
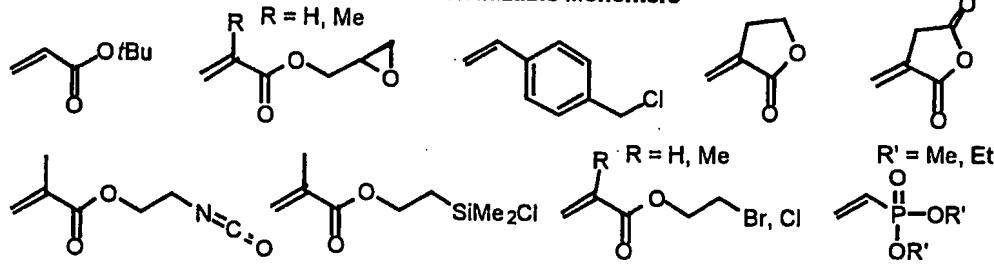


FIGURE 20

**Derivatizable Monomers**





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FIGURE 21

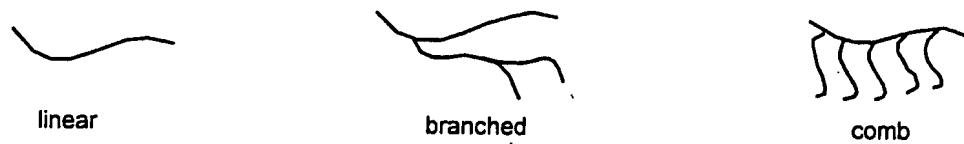


FIGURE 22

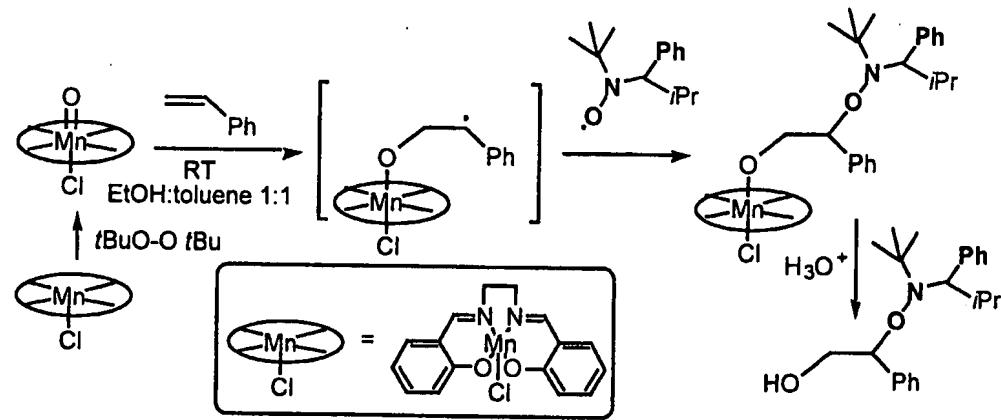


FIGURE 23

